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TE-2
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		CNL Assignment 9	trought and a
	to the post of	at wine of the	
Q.1	Explain TCP +	reader.	
-	de Harris Ma	32 bits (4 bits)	
7 3	I de la constitución de la const	Source port Destinal	pert
-		sa number	no Januari de
		Adenoicledgement humber	the same of the same of
- taber	TEP	The state of the s	
S. Carre	headen	TCP Reserved Flags	Window de la constant
(6)		header	and the second
		teagth	
	4	Checksum Ungent	Pointers .
	optional	THE RESIDENCE OF PERSONS AND ADDRESS.	
	postion in TEP	options Podds	The state of the s
	1 4	DATA Lophonal)	+
,	Source Port:		
No.	A 16	bit number identifying the o	relication TCP amount
	oxiginated from	within sending host well	part (a thord way)
	orgistered	posts (1024 through 49 15	D C mile and
0	(49,152) thron	posts (1024 through 49,15	2 parvaire pous
		0	Contract of the Contract of th
	Destination	post:	
	the desired to		a audication del
	defined for	on a sereiving host. Destination	Too make use
	same post	number assignments as t	here set it e
	posts.	0 - 2 25	asion tox som
	Sequence number	en.:	Many Inches
		A 32 bit number ident	ilina umpert agrition
	of first d	A 32 bit number identate at a link in segment with	in entire bute strain
	for TCP	connection.	9

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byte sender expects from seceiver. ... number will be one greater than most secently seceived data byte. This field is only used when ack control bit is two ned on. Acknowledgment Number:

Header length or offset: length in 32 bit words without options, TCP header is always 21

bytes in length.

A 6 bit field correctly unused & severued for

window:

A 16 bit int wed by TCP for Plaw control in form of data transmission window size. Map value of this field would limit window size 65,535 bytes but 'window scale' option is used to larger the wind

check sum:

This 16 bit value will be compared with value of section generates using some computation. If values moth, the receiver can be very confident that segment arraved intact.

Organt pointer:

In certain circumstances, it may be necessary for a TOP sender to notify the receiver of wigent data should be precenter by serving applications as soon as parable

1	1	

options:

In order to provide colditional functionality, several optional parameters may be used between a TCP sendor t receiver. The most common option is man segment size

Because option may vary in size, it may be neversar to 'pod' the TCP header with zeros so that segment ends on 32 bit word boundary as defined by stand

Data:

Although not used is some circumstances this vani length field corries the application data from TCP sender

Q.2. what is binde?

The server asks the operating system to enter information in socket.

What is listency? Q.3.

The server asks the operating sys to passive & liste to the dient which needs to be connected to this server. This is because TCP is connection oriented

Protocol so as connection needs to be made before

transferring docta.